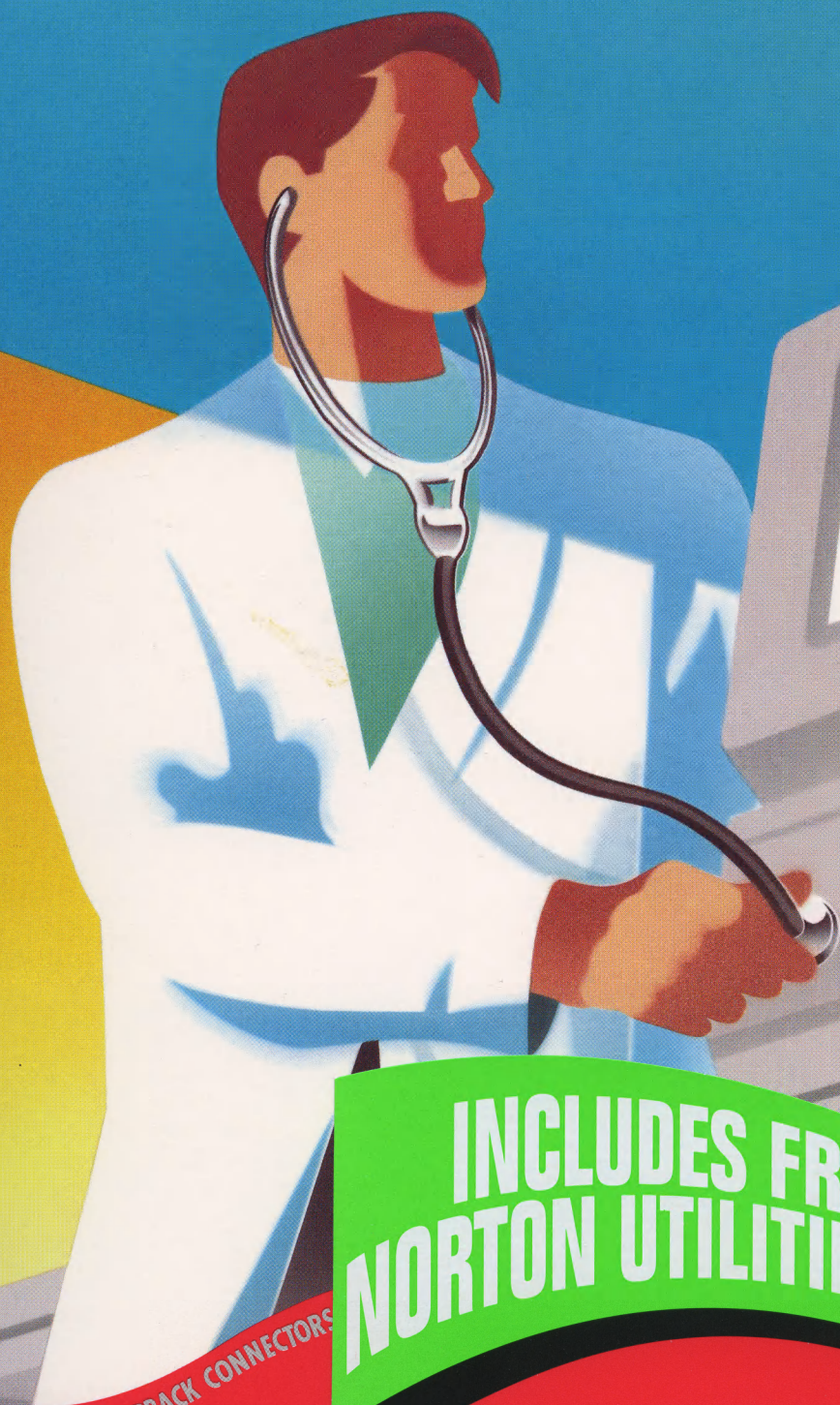
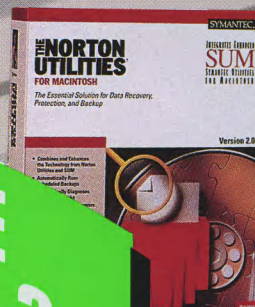


# DESKTOP DIAGNOSTICS SNOOPER™



INCLUDES FREE  
NORTON UTILITIES 2.0



TESTS • BENCHMARKS • LOOPBACK CONNECTORS

MAXA™

• ERROR LOG



# SNOOPER™

## Diagnostic Software for Macintosh

Fully Tested by  
National Software Testing Laboratories, Inc.

### PRODUCT DESCRIPTION

Is there a doctor in the house? Yes! Desktop Diagnosis is now possible with Snooper, the revolutionary suite of Mac diagnostic and testing tools. With Snooper's comprehensive tests, all hardware is checked and any problems quickly identified.

Service organizations, computer dealers, consultants and end users will save time and money with this powerful and easy-to-use tool.

No set of Mac utilities is complete without Snooper, the hardware diagnostic.

### TECHNICAL INFORMATION

#### Applicable Systems:

- Software based testing of the entire Macintosh line of computers
- Hardware based testing of all NuBus Macintosh computers (Mac II/IIfx/IIfx/IIfx/IIfx/IIfx/Quadra/Powerbooks)

#### System Requirements:

- 2 meg. RAM
- System 6.03 or greater

#### Documentation:

- Intelligent manual that leads the user through the troubleshooting process using the Snooper hardware/software

#### Status Monitors:

- Power Supply: +5V(5%)/±12V(5%)
- System Clock
- Bus Activity
- ADB Data Line
- ADB Power Line

- Go/No-Go Diagnostic Screen
- Pull-down menuing for exhaustive interactive testing

#### System Information:

- Computer Type (IIfx, IIfx, etc.)
- CPU Type: 68000/68020/68030/68040
- ROM Version
- System Software Version
- RAM Size
- Math Co-processor
- CPU Speed
- ADB devices connected: Keyboard/Mouse

#### NuBus Slot Contents

- SCSI bus devices connected
- PMMU Present or Not Present
- FPU Present or Not Present

#### System Testing:

- CPU
- Real time Clock Test
- Math Co-processor Test
- Paged Memory Management

#### Audio Tests:

- Sampled Sound
- Synthesized Sound
- Square Wave Synthesized
- Volume Test
- Left/Right Test

#### Video Tests:

- Focus
- Convergence
- Pin Cushion
- White Screen
- 50% Gray Screen
- Black Screen
- Gray Scale 8 bit
- Gray Scale 24 bit
- Color Bars 8 bit
- Color Bars 24 bit
- Red Screen
- Green Screen
- Blue Screen
- Color Wheel

#### RAM Test:

- Walking 1's
- Walking 0's
- Selected Pattern
- Parameter RAM Test

#### SCSI Tests:

- Exhaustive Testing
- Quick Performance Testing
- Seek Test
- Check Segmentation of Data
- Check Termination of SCSI bus

#### I/O Testing:

- Modem Serial Port
- Printer Serial Port

#### Loopback Connectors:

- Modem Serial Port (8-pin Mini Din)
- Printer Serial Port (8-pin Mini Din)

#### Error Logging:

- Printer
- Disk

#### Miscellaneous Tests:

- Battery Test
- Floppy Disk Tests 400k/800k/1.4 meg.
- Display Contents of PRAM
- Display Contents of Slot PRAM

### PERFORMANCE TESTING:

#### Benchmarks:

- CPU Speed
- Math Benchmark
- Memory Benchmark
- Combined Benchmark
- B/W Video Benchmark
- 8 bit Video Benchmark
- 24 bit Video Benchmark

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